



MISTI Global Teaching Labs Info Session – IAP 2027 –

*Study Abroad Info
Session:
September 17
in 4-270 @ 5PM*



MISTI Global Teaching Labs: Learning through Teaching

Africa

- Angola*
- Cape Verde*
- Ghana*
- Ivory Coast*
- Rwanda*
- South Africa/
Botswana*

Asia

- Bhutan*
- India*
- Korea

Eurasia

- Andorra*
- Armenia
- Austria
- Cyprus
- England*
- Georgia*
- Germany
- Italy
- Kazakhstan*
- Portugal*
- Scotland*
- Spain
- Wales*

Latin America

- Mexico
- Peru
- Uruguay*

*indicates
program that
accepts less than
10 students



GTL at-a-glance

- **How many:** Nearly 400 MIT students placed in 2026
- **When:** Avg. 3 weeks between January 4th-January 29th; dates & duration vary across programs
- **What:** Teaching one or more subjects
- **How:** All teaching takes place in ENGLISH
 - MIT students teach **individually** or in **groups** mostly with regular teachers' supervision. Size of teaching teams varies by school/country. Teaching must be HANDS ON.
- **Housing:** Varies by country. Secured by hosts at school dorms/host family or by MISTI program; most students stay with families or at school dorms.
- **Compensation:** Housing, airfare, and small stipend covering BASIC costs
- **Training:** Selected candidates **must** commit to participate in training (about 6-8 sessions on teaching and host country's culture and education system).



What host schools are looking for:

- Introduce new subjects or reinforce traditional ones with **hands-on** teaching
- Stimulate student interest in STEM topics & expose them to positive role models
- Familiarize students and teachers with MIT experiential methodology, focusing on problem solving
- Learn about MIT, US college culture, and US university system
- Improve English language skills
- Connect with MIT K-12 programs designed for high school science teachers



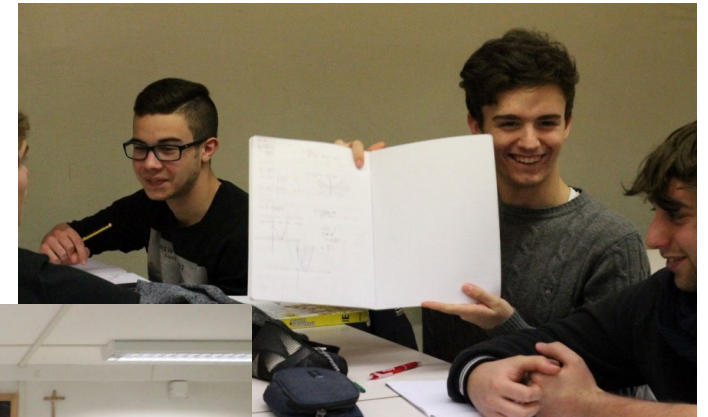
Why do MIT students do GTL?

- Learn about different education systems
- Practice experiential teaching and deepen subject knowledge
- Improve oral communication, learn to adapt and improvise
- Build skills to TA for a MIT course, explore interest in teaching career
- Get frustrated with/learn to appreciate another culture
- Gain confidence dealing with different cultural styles and contexts
- Improve language skills
- Prepare for a longer stay abroad
- See the world from the MISTI insider perspective



“Whenever you think you understand something, try to explain that to a kid!”

– Edgar Minasyan (Summer 2015 GTL – Armenia), describing GTL to Armenia’s President



*GTL is a lot of work, but
a lot of fun too!*



Application Considerations

- Language and program requirements
- Subjects taught
- Teaching formats (Will you work with other MIT students or solo?)
- Work schedule (Will you be assisting several classes or just one? Are these classes or workshops?)
- Housing options (homestay, hotel, apartment with other students)
- Cultural expectations



What We Look For

- Proven knowledge of subjects to be taught
- Exposure to MIT teaching & learning methods (Very few programs take first years—so please check)
- Experience in hands-on activities, preferably subject-related
- Teaching experience & passion for teaching
- Good communication skills
- Curiosity and flexibility
- Knowledge of host country language always a plus (required by some programs)



What We Look For

First year applicants are ONLY eligible for the following programs/subjects:

- Angola: Any subject
- Armenia: Any subject, with teaching experience
- Bhutan: Competition mathematics, if an IMO medalist
- Cape Verde: Any subject
- Ghana: Competition mathematics
- India: Any subject
- Italy: Debate only
- Ivory Coast: Competition mathematics
- Kazakhstan: Any subject, with teaching experience
- Mexico: Competition mathematics
- Rwanda: Competition mathematics

Language Requirements:

- Andorra: Spanish preferred. One placement for a French speaker.
- Korea: No language requirement, but seeking Korean and Mandarin speakers for select placements
- Mexico: No language requirement, but seeking Spanish speakers for select placements
- Portugal: No language requirement, but seeking Portuguese speakers for select placements
- Spain: Spanish preferred.
- No language requirement, but preference to students who speak the local language:
 - Armenia – Armenian or Russian
 - Angola, Cape Verde – Portuguese
 - Cyprus – Greek
 - Germany – German
 - Italy – Italian
 - Ivory Coast – French
 - Kazakhstan – Kazakh or Russian
 - Peru, Uruguay – Spanish

Seeking Graduate Students (Nearly all programs accept graduate students, but select programs are actively seeking graduate students.):

- Armenia: Graduate students are encouraged to apply for any subject
- Georgia: Graduate students with experience in advanced robotics (specifically, ROS 2 for Real-World Robotic Systems, Visual & LiDAR-Based Robot Navigation, or LLMs & Human-Robot Interaction) are encouraged to apply
- India: Seeking graduate students for AI, Embedded Systems – IoT, Cyber Security, and Smart Materials
- Mexico: Graduate students are encouraged to apply for the Big Data and Entrepreneurship workshops
- Peru: Seeking graduate students for AI/ML
- Spain: Seeking graduate students with Makerspace experience
- Uruguay: Seeking graduate students for AI/ML



Selection and Matching Process

- You can prioritize 2 country programs, and if you would like, indicate your interest in ALL of them
- You will be considered by your 1st choice country, then 2nd, and then all others. There is no guarantee your second-choice program (or any other program) will consider you if your first-choice program does not select you – though we do our best to share applications among programs
- Make sure your country/subject/housing choices match
- Select applicants will be contacted by country managers for interviews
- If offered a position, you will have to commit very fast—sometimes before knowing at which school/in which location you will be teaching
- Country selection should be completed between mid-October and early November
- Most training will take place between October and end of classes



How to Apply

Priority Deadline: September 21st at 11:59 PM

Final Deadline: September 23rd at 11:59PM

Apply online by going to
the MISTI application
portal at
mistiapply.mit.edu, then
select GTL



Programs

Q Search



Internships

Explore

A MISTI internship is an MIT-caliber professional or research experience in a company or lab abroad. Internships can last up to 12 months and occur year-round, but most students go for 3 months over the summer. The program is open to all MIT students, and there is no cost to participate.



Study Abroad

Explore

Take courses for credit at a university abroad for a semester or year. The program is open to all MIT undergrads, and there are options in every major. Financial aid will be applied for students that receive it.



Global Teaching Labs

Explore

For three to four weeks each January, GTL participants travel abroad to teach science, technology, engineering, and math (STEM) courses—and sometimes other topics including entrepreneurship and debate—to high school and university students. Find more information [here](#).



MISTI Global Teaching Labs

How to Apply

Priority Deadline: September 21st at 11:59 PM

Final Deadline: September 23rd at 11:59PM

You cannot edit your application after you submit.

You will be able to see your application in the portal once complete.

You are about to submit your application!

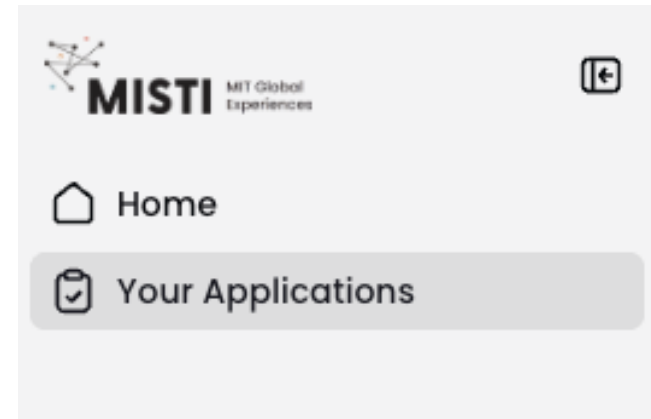
You can press the back button to review (and edit if needed) all fields before submitting, as you won't be able to edit the information afterward.

MISTI staff cannot accommodate requests for meetings with individual students seeking information about GTL.

Qualified candidates will be contacted after the deadline for a meeting.

← Back

Submit



You will not receive email confirmation upon submitting the application.

MISTI Eurasia: Armenia & Kazakhstan



Locations: Capitals + large cities

Living: Host families / apartments /
dorms

Teaching: Options for all experience
levels and teaching formats

Language: Not required (Armenian,
Kazakh, Russian preferred)

Subjects: STEAM,
business/entrepreneurship

Spots: 30+ (2/host organization)

Hosts: Posted to the MISTI
website

**FIRST-YEAR AND GRADUATE STUDENTS
ARE WELCOME TO APPLY!**

MISTI Eurasia: Cyprus



Locations: Nicosia, Limassol

Living: Dorms

Teaching: In teams with local university students

Language: Not required (Greek preferred)

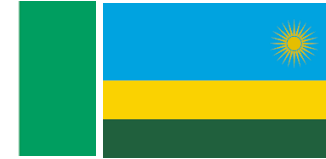
Subjects: AI agents (1 week for preparation)

Spots: 2. Open to students who are juniors or above

Hosts: Two local universities + an after-school program



GTL Programs in Africa



	Dates	Location	Subject	Spots	Seeking
Angola	Jan 11 – 22	Luanda	Data Science / Quantitative Research Methods	5	All fields; all levels; Portuguese a plus
Cape Verde	Jan 4 – 30	Praia	Computer Science	5	All fields; all levels; Portuguese a plus
Ghana	Early/mid IAP (TBD)	Accra	Competition Math	2	Competition math experience
Ivory Coast	Early/mid IAP (TBD but <2 weeks)	Abidjan	Competition Math	4	Competition math experience; French skills a plus; open to grad students
Rwanda	Jan 4 – 23	Kigali	Competition Math, Informatics, and/or Physics	4	Competition math experience; open to grad students
South Africa & Botswana	Jan 4 – 19+	Johannesburg & Gaborone	Technical Topics in Quantum Mechanics	8	Relevant research/internship experience; leadership experience; open to grad students

GTL Scotland

Dates: Jan 2 – Jan 23

Location: Aberdeen

Living/stipend: Private apartment, self-catered.
Weekly stipend.

Language: English

Subjects:

- Entrepreneurship, Marketing and Investment
- Sustainability and Energy: Data, Energy Transitions and Climate Change
- Life sciences: Biology, ecology, earth science etc.

Teaching format: K-12 classes, workshops and clubs

Spots: 2

Eligibility: Juniors and above



GTL England

Dates: Jan 2 – Jan 28

Location: London and Kent

Living/stipend: Private apartment, self-catered. Weekly stipend.

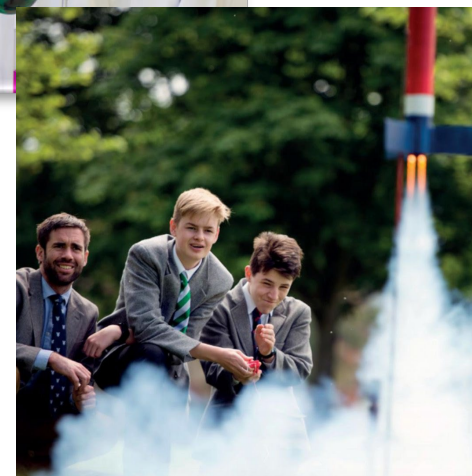
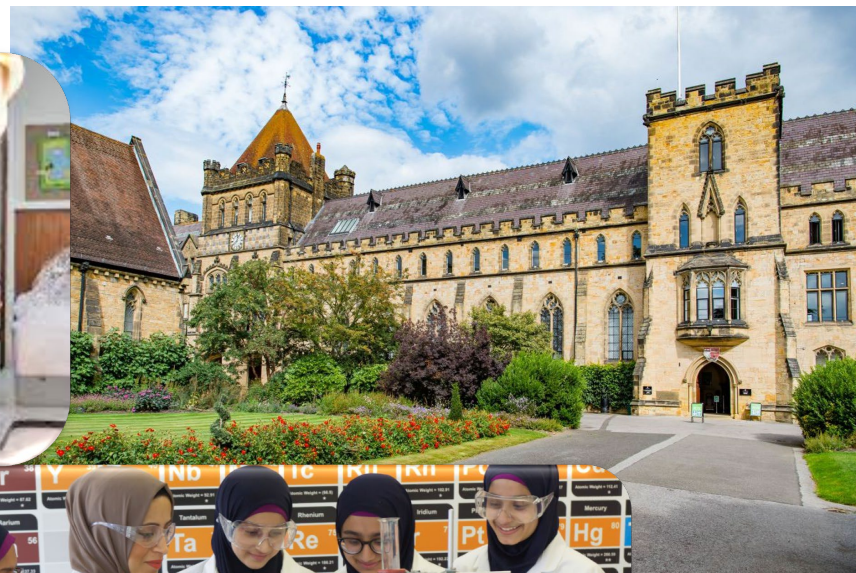
Language: English

Subjects: Physics, Computer Science, Biology, Maths, Chemistry, Rocket Team, MechE, Course 6-2

Teaching format: K-12 classes, workshops and clubs, panels

Spots: 4-6

Eligibility: Sophomores and above



GTL Wales

Dates: Jan 2 – Jan 28

Location: Across Wales

Living/stipend: Host families. Weekly stipend.

Language: English

Subjects: Physics, Biology, Maths, Computer Science, Chemistry, Geography, Sustainability, Robotics, Design, Music

Teaching format: K-12 classes, community colleges classes, workshops and clubs, panels. Weekly curriculum development workshops with host teachers.

Spots: 2

Eligibility: Enthusiasm for your subject and some previous experience teaching / tutoring / mentoring



GTL Germany



Dates: January 9 – 30

Location: All over Germany!

Living/stipend: Travel & expenses covered; Host families associated with the school for most locations. Students are paired in schools and grouped by city or region

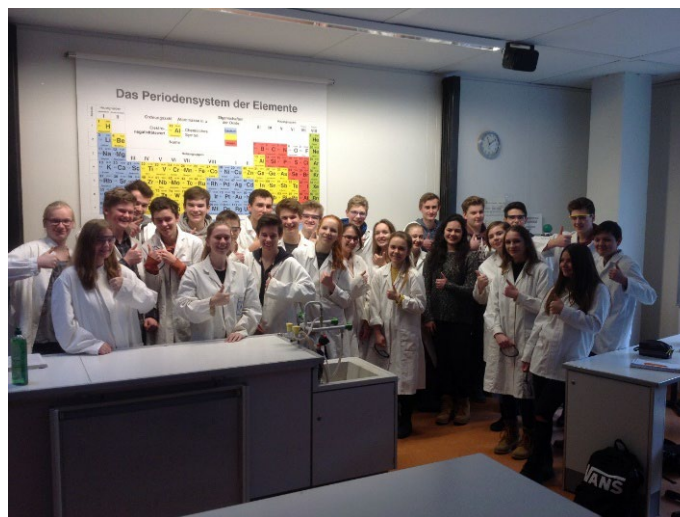
Language: None required

Subjects: All STEM – Bio, Chem, CS, Math, Physics

Teaching format: Standard hands-on, 10h/wk; all students teach in pairs

Spots: 30

- Special “buddy” program w/ university partners in Stuttgart & Regensburg (6 each)



GTL Austria



Dates: January 11 – 29

Location: Linz, Vienna

Living/stipend: Travel & expenses covered;
Host families associated with the school.

Language: None required

Subjects: CS, mechE, robotics

Teaching format: Standard hands-on,
10h/wk

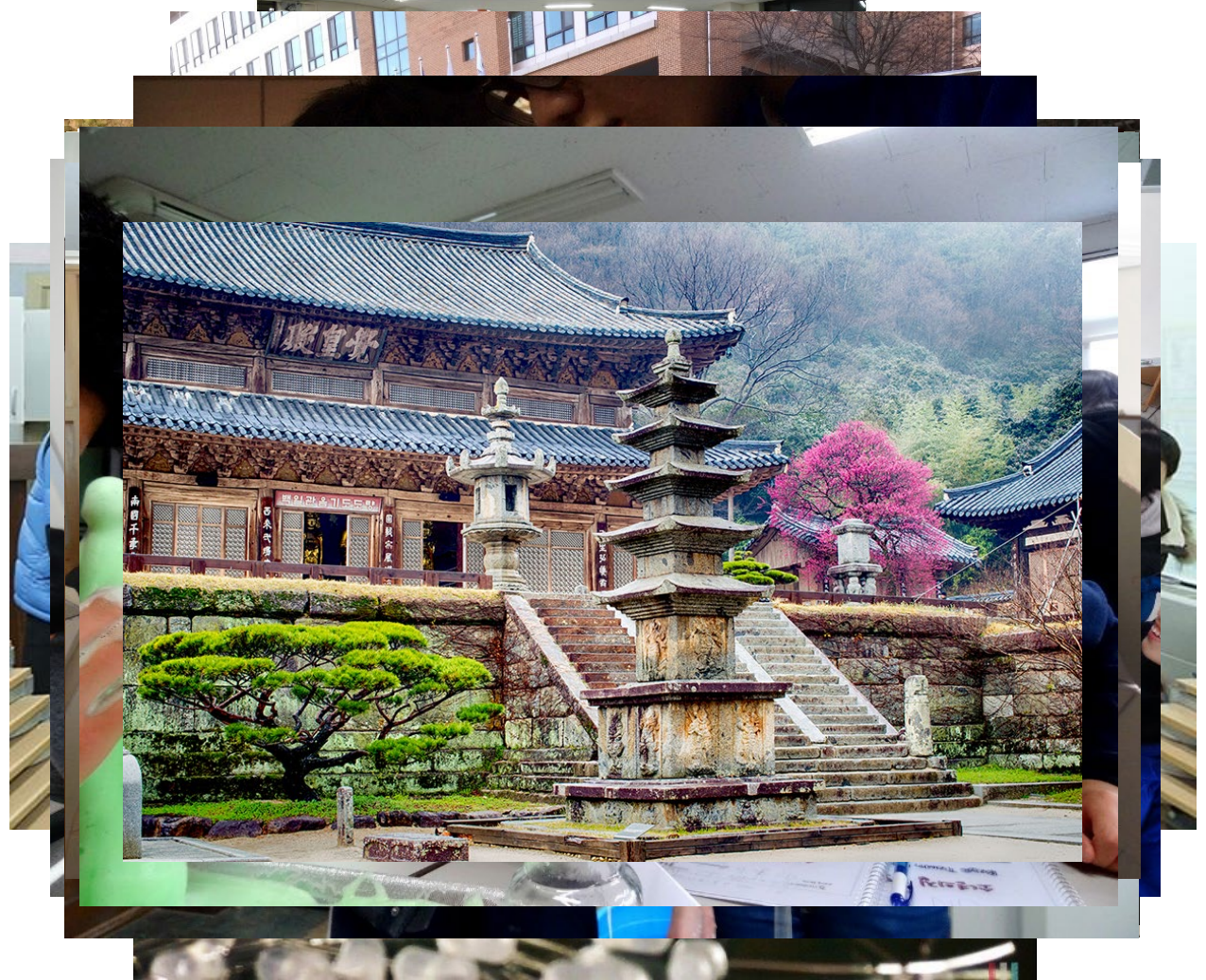
Spots: 6

*If applying to GTL Austria, you will also be considered for GTL Germany. Students can provide preference and program staff make the final placement.



Korea GTL

- **Mission:** Promote MS/HS students' motivation for STEM learning and help build stronger foundation for lifelong education and higher career aspirations.
- **Means:** Independently-developed *Mens et Manus*, hands-on STEM workshops + classes taught 3-4 wks, 4-5 hrs/day as extracurricular program in Jan.
- **Method:** Teams of 2-4 develop workshops with \$3-4k budget. ≈2-4 hrs/wk prep work Oct-Dec.
- **Location:** HS for NKorea escapees, non-profits for disadvantaged students, intl MS/HS.
- **Need:** Passion & talent for hands-on teaching/learning, ability to excite about STEM concepts. Also:
 - Full-time commit in Jan, 40-60 hrs/wk
 - Lang not required but need fluent Korean/Chinese speakers for select placements.
 - Serious interest in 2 consecutive yrs of Korea GTL for deeper global experience is a plus.



"All physical theories ... ought to lend themselves to so simple a description that even a child could understand them." -- Albert Einstein



GTL Spain



Enthusiasm, openness, and flexibility
are a must!



2026 Teaching Dates: January 11th – January 29th

Location: Public/Semi-Private School; towns surrounding Barcelona and Madrid, Mallorca; some rural locations

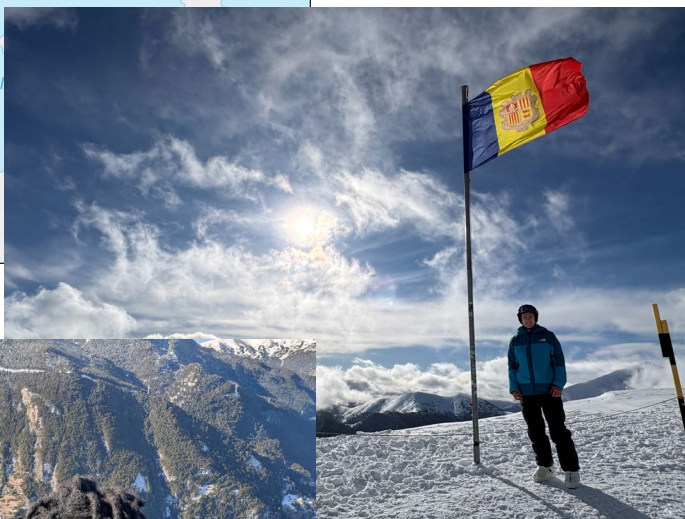
Language: Spanish preferred but not required

Subjects: All STEM subjects + technology, robotics and programming. 15 makerspace spots; 3D printing, laser cutters, AV equipment. Edgerton center experience a plus

Living/stipend: Homestays with families associated with schools. Students receive a small weekly stipend

Teaching format: Individual placements with host teacher, some workshops (approx. 20 hrs/week)





GTL Andorra

2026 Teaching Dates: January 11th – January 29th

Location: Principality of Andorra. Tiny country between Spain and France, in the Pyrenees Mountains (official languages: Spanish, French and Catalan)

Language: Intermediate, conversational Spanish preferred but not required. Seeking 1 **French speaker**

Living/stipend: Homestays with families associated with schools. Students receive a small weekly stipend

Subjects: All STEM subjects + technology, robotics and programming (approx. 20 hrs/week)

Teaching format: Students placed in individual schools and matched with local teacher who will coordinate schedule

5 spots



GTL Portugal



NEW program!

2027 Teaching Dates: January 11th – January 29th

Location: Lisbon and nearby towns; island of Madeira

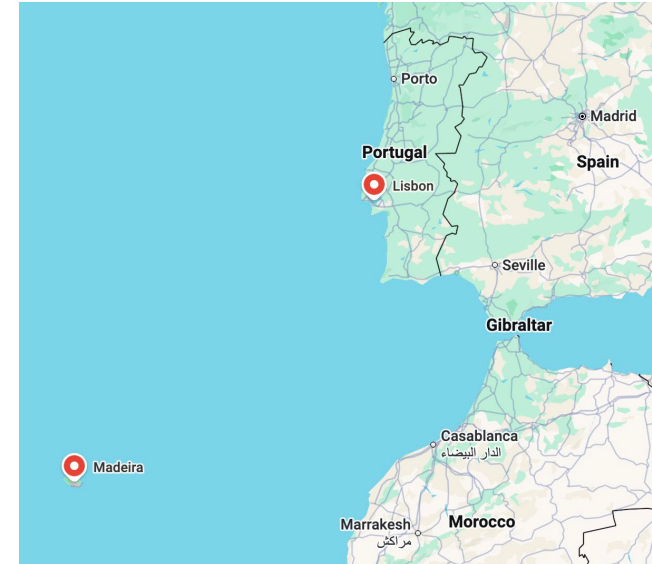
Language: No language requirement, but seeking Portuguese speakers for select placements

Subjects: Computer Science, Robotics, Physics, Math, Biology, Geology (Portuguese speakers for Computer Science and Geology)

Living/stipend: Homestays with families associated with schools. Students receive a small weekly stipend

Teaching format: Individual placements with host teacher, some workshops (approx. 20 hrs/week)

Spots: 8



MISTI Global Teaching Labs

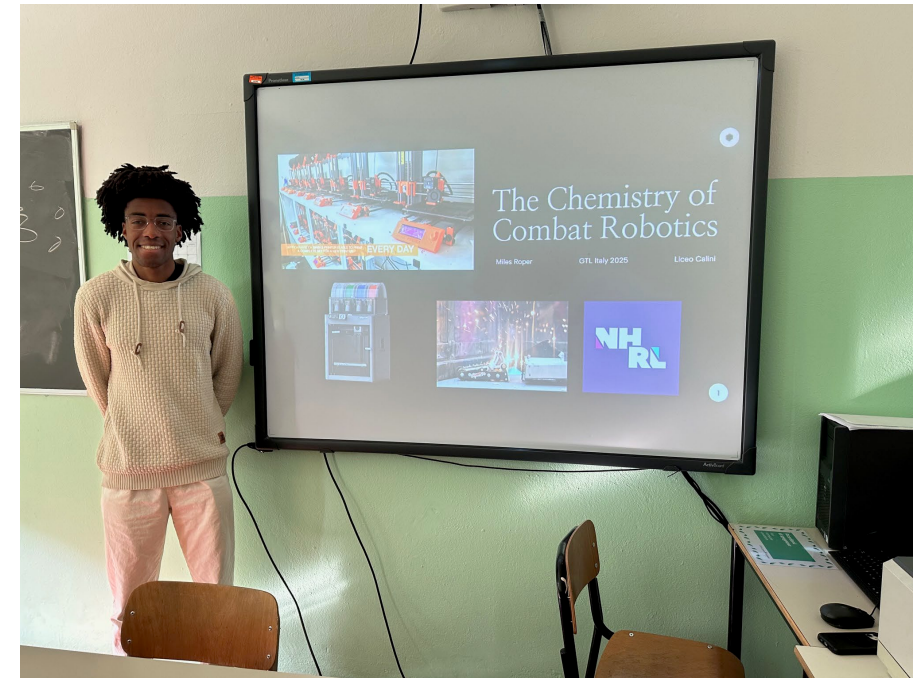
GTL Mexico

- **Dates:** 3 weeks, January 11-29
- **Locations:** Mexico City, Aguascalientes, Querétaro, Monterrey & more!
- **Teaching format:** usually 2 MIT students per school. Paired up to teach with local teachers and/or prepare hands-on workshops
- **Living:** Host family, school residences, or shared apartment depending on school
- **Language:** Knowledge of Spanish is generally preferred but not necessary. Some schools do require Spanish.
- **Subjects: ALL STEM (30-35 +/- spots)**
 - Universidad Panamericana
 - *Beautiful Patterns*: 6 spots for **female-identified** students to teach STEM and coding to middle and high school girls
 - 6-10 spots to prepare 1-week workshops on **Big Data and Decision-Making & Entrepreneurship + Startups**
 - Universidad Nacional Autónoma de México
 - 3 spots for **female-identified** students to train girls for IMO
 - 4 spots to teach advanced chem. (up to org. chem.) at a high school



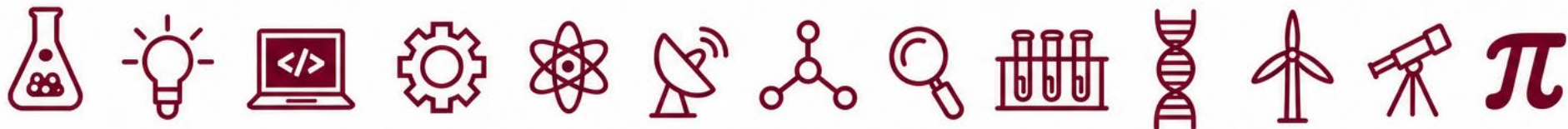
GTL ITALY

- **STEM** (Physics, Math, Bio, Chem, Robotics, Computer Science) and **DEBATE** at 40+ high schools
 - **FRESHMEN** accepted for **DEBATE ONLY**
 - **GRADUATE STUDENTS** accepted only if undergrads at MIT
- Italian is a plus – but not required
- Most schools are in small towns, mostly in Northern Italy
- Schools host between 1-3 students
- All teaching is done individually—up to 20 hours/week
- Students teach one or two curriculum related subjects—TEAL style
- Each student has a mentor at the host school
- **Students stay with families** chosen by host school
- Basic costs covered through a combination of host schools (800 Euros stipend) and program funding (travel costs from Boston)
- Select students will be called in for interviews
- Acceptance is location-blind
- Timeline: placements finalized by mid November
- **Dates: January 6th-29th (teaching 7th-28th)** No changes allowed
- Available spots: between 40 and 60





MIT-South Asia



GTL India

- **Subjects and thematic areas:** Astronomy, AI, IoT, Security, Smart Materials, Management, Robotics, all STEM, tinkering labs (design and fabrication of STEM learning kits)
- **Locations:** Bangalore, Hyderabad, Kerala and Punjab
- **Dates:** Jan 4–29
- **Host type:** International schools, NGOs, start-ups
- **Open to:** All class levels
- **Teaching format:** one-to-one, workshops, hackathons
- Travel in pairs or small groups
- Fully funded, housing provided



GTL Bhutan

- **Subjects:** Competition math/IMO coaching
- **Teaching format:** Bootcamp style intensive coaching for a select group of prospective IMO (International Math Olympiad) participants.
- **Host type:** Government
- Travel in pairs or small groups
- Fully funded, housing provided



GTL Peru/Uruguay

Dates: ~January 5–30 (varies by program)

Location: Lima, Peru & Montevideo, Uruguay

Housing/stipend: Hotels + living stipend

Language: No language requirement
(preference to students who speak Spanish)

Eligibility: juniors and above (grad students highly encouraged for AI/ML)

Subjects:

- **Peru:** Intro to Python (HS); AI/ML, Communicating with Data (university students) → **16 spots**
- **Uruguay:** AI/ML, Communicating with Data (university students) → **6 spots**

Teaching format: workshop



Questions?

